

BAMERT-1  
09/856,390

**Amendments to the Specification**

The Examiner has not entered the substitute specification filed on January 4, 2002 and has stated that the proposed additional paragraphs on pages 4 and 5 of the substitute specification appear to add new matter not wholly supported by the original disclosure. Applicant hereby withdraws the substitute specification filed on January 4, 2002 and requests that the following changes be incorporated in to the originally-filed specification. No new matter has been added.

On page 1, line 1 please insert the following paragraph:

--TITLE OF THE INVENTION--

On page 1, after the title of the invention, please insert the following paragraphs:

--CROSS REFERENCE TO RELATED APPLICATIONS

Applicant claims priority under 35 U.S.C. §119 of GERMAN Application No. 199 50 751.1 filed on October 21, 1999. Applicant also claims priority under 35 U.S.C. §§ 120 and 365(c) of PCT/EP00/10189 filed on October 17, 2000. The international application under PCT article 21(2) was not published in English.--

BAMERT-1  
09/856,390

On page 1, line 2, please insert the following paragraph:

--BACKGROUND OF THE INVENTION--

On page 1, line 2, after the paragraph entitled "BACKGROUND OF THE INVENTION", please insert the following paragraph:

--Field of the Invention--

Please replace the paragraph beginning at page 1, line 2 with the following rewritten paragraph:

--The invention relates to a device for holding the log transmitter of a boat speedometer, comprising a sleeve body with ~~an oblong~~ a longitudinal center opening arranged in a fixed manner in a perforation in the hull of the boat. The log transmitter, which is equipped with a fan wheel or the like, can be inserted in and retained in said perforation in a watertight and detachable manner.--

On page 1, line 9, please insert the following paragraph:

--Prior Art--

On page 2, line 1, please insert the following paragraph:

--SUMMARY OF THE INVENTION--

BAMERT-1  
09/856,390

Please replace the paragraph beginning at page 2, line 4 with the following rewritten paragraph:

--Said problem is solved according to the invention in that the sleeve body, on which the end facing away from the water supports a head part in a watertight manner, said head part having a coaxial center opening that is connected with the ~~oblong~~ longitudinal center opening of the sleeve body in a watertight manner and having the same shape and cross sectional size as the latter opening; that the ~~oblong~~ longitudinal and center openings jointly receive the log transmitter in a watertight manner; and in that the ~~oblong~~ longitudinal and center openings can be blocked or released by a blocking slide depending on the position of the log transmitter, said slide being transversely guided in a watertight manner in the head part. In this way, when the log transmitter is removed and has reached a position located above the plane of the blocking slide, the latter can be pushed into the closing position for the center openings or, when the log transmitter is subsequently inserted again and has nearly reached of the plane of the slide, the blocking slide has to be moved outwards in order to release the center openings, so that the log transmitter can be moved into the working position. Over the short duration of the movements for removing or reinserting the

BAMERT-1  
09/856,390

log transmitter, the blocking slide prevents amounts of water during said process from flowing into the interior of the boat via the ~~oblong~~ longitudinal and center openings. --

Please replace the paragraph beginning at page 4, line 15 with the following rewritten paragraph:

--In further development of the device, provision is made that the log transmitter is connected with the head part by an axial control cam, for example in the form of a cover having a screw thread, and fixed by means of the cover in the ~~oblong~~ longitudinal and center openings of the sleeve body and the head part. The log transmitter can be removed and installed in the device with little energy consumption by rotary movements of the cover.--

Please replace the paragraph beginning at page 5, line 1 with the following rewritten paragraph:

-- An alternative embodiment of the device for solving the problem according to the invention is proposed according to a further invention by the measures ~~specified in claim 10~~ disclosed. In said embodiment of the invention, the blocking slide displaceable into or from the blocking position is replaced

BAMERT-1  
09/856,390

by a pivot-mounted blocking element. Embodiments of the modified device are ~~specified in claims 11 to 17~~ also disclosed.

On page 5, line 8, please insert the following paragraph:

--BRIEF DESCRIPTION OF THE DRAWINGS--

On page 6, line 9, please insert the following paragraph:

--DETAILED DESCRIPTION OF THE INVENTION--

Please replace the paragraph beginning at page 6, line 9 with the following rewritten paragraph:

--FIG. 12 is a top view of a device according to FIG. 11.--

Please replace the paragraph beginning at page 6, line 9 with the following rewritten paragraph:

--FIG. 1 shows a part piece 1 of the wall of the hull of a boat, on which the device 2 is fixed by a screw fastening 3. The device has a sleeve body 4 with the outer thread 5, which extends through an opening 6 in the wall 1 of the hull of the boat in the direction of the interior of the boat. By means of a flange 7, said sleeve body is supported on the bottom side 1' of the wall 1 of the hull of the boat, and fixed by a threaded nut 8. A head part 9 is connected with the sleeve body 4 in a fixed manner via

BAMERT-1  
09/856,390

a ~~treaded~~ threaded ring 9'. The head part 9 has a cylindrical center opening 10 that extends coaxially with ~~an oblong~~ a longitudinal center opening 11 of the sleeve body 4. The center opening 10 and the ~~oblong~~ longitudinal opening 11 jointly serve for receiving a log transmitter 12, which is inserted in the openings 10, 11 with the use of the O-rings 12' in a watertight manner. On its end facing away from the head part 9, the log transmitter 12 has a rotationally movable fan wheel 13 serving as the pulse transmitter for speed measurements. The log transmitter 12 is connected with an indicator device (not shown) via a cable 2'. Furthermore, the head part 9 is provided with a recess 14 (FIG. 2), which is coaxial with the center opening 10. A sliding ring 15 (FIG. 8) is guided in said recess 14 with axial play. Said sliding ring is subjected to the action of a spring force, for example the spring force exerted by a sealing ring 16 made of foamed plastic. The sliding ring 15 rests on the sealing ring 16, which is supported on the bottom 14' of the recess 14, and is displaceable by said sealing ring 16 in the direction of the lower end of the head part 9. Furthermore, the head part 9 is provided with a ring body 17 (FIGS. 1 and 5), which has a center opening 18 disposed coaxially with the openings 10, 11, as well as an annular groove 19 for accommodating an O-ring 20 (FIG. 5).

BAMERT-1  
09/856,390

The sliding ring 15 and the ring body 17 jointly form a ~~separating plane of a blocking slide~~, in which a blocking slide 21 (FIG. 9) formed by a plane and prismatic, molded sheet metal part can be inserted. The ~~separating plane of the blocking slide~~ on both longitudinal sides of the blocking slide 21 (FIG. 3) is bounded by guide areas (22). Furthermore, as shown in FIGS. 2 and 8, the sliding ring 15 is defined on the bottom side by an outwardly curved surface or by the slanted surfaces 15' and an inclined inner surface 15'' of the wall. Said surfaces prevent the blocking slide 21 from impacting the sliding ring 15 in any interfering way as the blocking slide 21 is being pushed into the ~~separating plane of the blocking slide~~. The log transmitter 12 supports a collar 23, which is fixed on the log transmitter and preferably supported in the head part 9 in a cover 29 provided with a thread 29', with a sealing ring 29'' being mounted in between. An additional ring seal 24 in the cover 29 prevents liquid from spilling over within the head part 9.--

Please replace the paragraph beginning at page 9, line 21 with the following rewritten paragraph:

--In the device shown in FIGS. 11 and 12, a sleeve body 32 provided with an outer thread 31 and having an oblong opening 39

BAMERT-1  
09/856,390

is fixed on the wall 1 of the hull of the boat by means of a threaded nut 32' and a flange 32''. A head part 34 is mounted in a fixed manner on the free end of the sleeve body 32 by means of a threaded ring 33. A sealing ring 36 39' is arranged between the sleeve body 32 and the head part 34. Furthermore, at 35, by means of screws not shown, the threaded ring 33 is connected in a fixed manner with a flange 37 provided with an O-ring 36' inserted in an annular groove 36. A blocking element 40 provided with a passage 38 disposed concentrically in relation to the ~~oblong~~ longitudinal opening 39 is supported on the flange 37 under spring force. The spring force is supplied in this connection by two screw springs 41 arranged diagonally in relation to each other and acting on the blocking element 40 from the top; the free abutments of said screw springs are formed by the nuts 43 mounted on the screw bolts 42, 42', the latter being fixed on the head part. The blocking element 40 is capable of swiveling by about 75° about the screw bolt 42 acting as the axle, and is guided in this connection by the other screw bolt 42' that engages a slide groove 44 in the blocking element 40. The flange 37 may be made of any desired material, for example from a suitable plastic or a metallic material, whereby a flange 37 made of metallic material offers the advantage that the blocking



BAMERT-1  
09/856,390

element 40 can be beveled within the zone of the edge 37' of the opening, and that the bevel permits adaptation of the O-ring 36' when the blocking element 40 is swiveling. The blocking element 40 is preferably formed by a plate-shaped body part 40' with an adjoining sleeve-shaped attachment 40'', whose free end has a thread 45 to which a cover (not shown) can be screwed. The log transmitter (not shown) is capable of supporting itself with rotational mobility on the cover in a watertight manner.--

Please replace the paragraph beginning at page 11, line 4 with the following rewritten paragraph:

--For explaining the function of the device it is necessary to start from the fact that in the positions shown in FIGS. 11 and 12, the blocking element 40 is associated with the passage 38 of the opening 39'' of the flange 37 in a coaxial manner. The blocking element 40 is resting here in a pressure-exerting manner on the O-ring 36' owing to the force of the initial tension of the two springs 41 clamped on the screw bolts 42, 42', which prevents water from passing through within the zone of the passage 38 of the blocking element 40. The positions shown for the blocking element 40 and the flange 37 permit a log transmitter to be inserted in the center and ~~oblong~~ longitudinal

BAMERT-1  
09/856,390

openings 31' and 39, respectively. As shown in FIG. 12, for inserting the log transmitter, the blocking element 40 has to be turned in the anticlockwise sense of rotation, so that the passage 38 corresponds coaxially with the center opening of the sleeve body 32 (position drawn by a dashed line).--

Please replace the paragraph beginning at page 11, line 20 with the following rewritten paragraph:

--For cleaning work on the log transmitter, the log transmitter present in the ~~oblong~~ longitudinal opening 39 and the center opening 31' has to be pulled from the device upwards and then moved in the position shown by the dashed line by swiveling the blocking element 40 down in the clockwise sense, whereby the opening 39'' can be closed due to the fact that the plane part of the blocking element extends over the opening 39''. It is understood that for reaching the closing position, no water or a minor amount of water at the most flows in the interior of the boat.--

Please replace the Abstract with the Abstract attached as Attachment A.